# Ideas and notes

1. As the hand-held heat-seeking missiles get better so must the countermeasures
2. Conflicts are political – what are the odds of no new Bush?
3. No need to outfit the F-16s used for border protection
   1. Not many heat seeking missiles when Denmark has to scramble an F-16 to inform the Russians where the are: “You are approaching Danish territory, please alter your course or a strongly worded letter will be sent to your embassy”.
   2. Though the polluters may have gotten more sophisticated they are still a way away from missiles.
4. A newer version heat seeking missile has pattern recognition so it is not as easily fooled, and it is therefore vitally important to have, **update** and **protect** the working missile countermeasure patterns.
   1. Front, Down, Down, Pause, Back, Back.
5. Coverage: How often is a heat seeking missile fired from the side of an F-16 in its current mission domain?
6. Risk
   1. By using existing technology (tried and proven) risk is reduced.
   2. By using an experienced subcontractor risk is reduced.
   3. By doing deep requirements analysis risk is reduced.
   4. By using standardised formats and conformance risk is reduced (less chance of misunderstandings).
   5. Don’t implement more than is required – every line of code or HW unit is a potential bug.
7. Sharing document (Fagan review). Old style lock (SourceSafe).